WHAT IS CLAIMED IS:

1. A method for transmitting configuration information related to measurement control, applied to a base station side, comprising:

generating configuration information for measurement control, the configuration information comprising a first set of configuration information, a second set of configuration information and ~~one or more~~a determination ~~conditions~~condition, the first set of configuration information being related to a first measurement target, the first measurement target being related to a known moving trajectory, the second set of configuration information being related to a second measurement target, the second measurement target being related to an unknown moving trajectory; and

sending the configuration information to a user device, to instruct the user device to adopt the first set of configuration information for cell measurement when the ~~one or more~~ determination ~~conditions are~~condition is met and to adopt the second set of configuration information for cell measurement when the ~~one or more~~ determination ~~conditions are~~condition is not met.

2. The method of claim 1, wherein the first set of configuration information comprises at least one of first measurement frequency points and a first measurement cycle;

the second set of configuration information comprises at least one of second measurement frequency points and a second measurement cycle,

wherein the first measurement cycle is greater than or equal to the second measurement cycle, the first measurement frequency points comprise frequency points in a neighboring cell covering the known moving trajectory, and a number of the first frequency points is less than a number of the second frequency points.

3. The method of claim 1, wherein the ~~one or more~~ determination ~~conditions comprise~~condition comprises:

a number of times of cell reselection and receiving the first set of configuration information within a first preset period being greater than a first threshold number of times.

4. The method of claim 3, wherein the ~~one or more~~ determination ~~conditions~~condition further ~~comprise~~comprises at least one of:

a detected moving speed being greater than a preset moving speed threshold;

a number of times of cell change within a second preset period being greater than a number threshold number of times.

5. The method of claim 1, wherein the first set of configuration information further comprises:

a first subset of configuration information related to an upward moving direction in the known moving trajectory; and/or

a second subset of configuration information related to a downward moving direction in the known moving trajectory.

6. A method for transmitting configuration information related to measurement control, applied to a user device side, comprising:

receiving measurement configuration information sent by a base station, the configuration information comprising a first set of configuration information, a second set of configuration information and ~~one or more~~a determination ~~conditions~~condition, the first set of configuration information being related to a first measurement target, the first measurement target being related to a known moving trajectory, the second set of configuration information being related to a second measurement target, the second measurement target being related to an unknown moving trajectory;

performing cell measurement by adopting the first set of configuration information when the ~~one or more~~ determination ~~conditions are~~condition is met; and

performing cell measurement by adopting the second set of configuration information when the ~~one or more~~ determination ~~conditions are~~condition is not met.

7. The method of claim 6, wherein the first set of configuration information comprises at least one of first measurement frequency points and a first measurement cycle;

the second set of configuration information comprises at least one of second measurement frequency points and a second measurement cycle,

wherein the first measurement cycle is greater than or equal to the second measurement cycle, the first measurement frequency points comprise frequency points in a neighboring cell covering the known moving trajectory, and a number of the first frequency points is less than a number of the second frequency points.

8. The method of claim 6, wherein the ~~one or more~~ determination ~~conditions comprise~~condition comprises:

a number of times of cell reselection and receiving the first set of configuration information within a first preset period being greater than a first threshold number of times.

9. The method of claim 8, wherein the ~~one or more~~ determination ~~conditions~~condition further ~~comprise~~comprises at least one of:

a detected moving speed being greater than a preset moving speed threshold;

a number of times of cell change within a second preset period being greater than a number threshold number of times.

10. The method of claim 6, wherein the first set of configuration information further comprises: a first subset of configuration information related to an upward moving direction in the known moving trajectory; and/or a second subset of configuration information related to a downward moving direction in the known moving trajectory;~~ and~~

the method further comprises:

determining ~~a~~its own moving direction~~ of the user device~~; and

determining whether ~~the~~its own moving direction~~ of the user device~~ belongs to a preset upward moving direction or a preset downward moving direction;

performing cell measurement by adopting the first set of configuration information comprises:

performing cell measurement according to first subset of configuration information corresponding to the determined upward moving direction or second subset of configuration information corresponding to the determined downward moving direction.

11. A device for transmitting configuration information related to measurement control, applied to a base station side, comprising:

a generating module, configured to ~~comprising:~~

~~a processor; and~~

~~a memory, configured to store instructions executable by the processor,~~

~~wherein the processor is configured to:~~

generate configuration information for measurement control, the configuration information comprising a first set of configuration information, a second set of configuration information and ~~one or more~~a determination ~~conditions~~condition, the first set of configuration information being related to a first measurement target, the first measurement target being related to a known moving trajectory, the second set of configuration information being related to a second measurement target, the second measurement target being related to an unknown moving trajectory; and

a sending module, configured to send the configuration information to a user device, to instruct the user device to adopt the first set of configuration information for cell measurement when the ~~one or more~~ determination ~~conditions are~~condition is met and to adopt the second set of configuration information for cell measurement when the ~~one or more~~ determination ~~conditions~~

~~are~~condition is not met.

12. The device of claim 11, wherein the first set of configuration information comprises at least one of first measurement frequency points and a first measurement cycle;

the second set of configuration information comprises at least one of second measurement frequency points and a second measurement cycle, ~~and~~

wherein the first measurement cycle is greater than or equal to the second measurement cycle, the first measurement frequency points comprise frequency points in a neighboring cell covering the known moving trajectory, and a number of the first frequency points is less than a number of the second frequency points.

13. The device of claim 11, wherein the ~~one or more~~ determination ~~conditions comprise~~condition comprises:

a number of times of cell reselection and receiving the first set of configuration information within a first preset period being greater than a first threshold number of times.

14. The device of claim 13, wherein the ~~one or more~~ determination ~~conditions~~condition further ~~comprise~~comprises at least one of:

a detected moving speed being greater than a preset moving speed threshold; ~~and~~

a number of times of cell change within a second preset period being greater than a number threshold number of times.

15. The device of claim 11, wherein the first set of configuration information further comprises:

a first subset of configuration information related to an upward moving direction in the known moving trajectory; and/or

a second subset of configuration information related to a downward moving direction in the known moving trajectory. ———

~~16.~~16. A device for transmitting configuration information related to measurement control, applied to a user device side, comprising:

a receiving module, configured to ~~A device for transmitting configuration information related to measurement control, comprising:~~

~~a processor; and~~

~~a memory, configured to store instructions executable by the processor,~~

~~wherein the processor is configured to:~~

receive measurement configuration information sent by a base station, the configuration information comprising a first set of configuration information, a second set of configuration information and ~~one or more~~a determination ~~conditions~~condition, the first set of configuration information being related to a first measurement target, the first measurement target being related to a known moving trajectory, the second set of configuration information being related to a second measurement target, the second measurement target being related to an unknown moving trajectory;

a first measuring module, configured to perform cell measurement by adopting the first set of configuration information when the ~~one or more~~ determination ~~conditions are~~ condition is met; and

a second measuring module, configured to perform cell measurement by adopting the second set of configuration information when the ~~one or more~~ determination ~~conditions are~~ condition is not met.

17. The device of claim 16, wherein the first set of configuration information comprises at least one of first measurement frequency points and a first measurement cycle;

the second set of configuration information comprises at least one of second measurement frequency points and a second measurement cycle,

wherein the first measurement cycle is greater than or equal to the second measurement cycle, the first measurement frequency points comprise frequency points in a neighboring cell covering the known moving trajectory, and a number of the first frequency points is less than a number of the second frequency points.

18. The device of claim 16, wherein the determination condition comprises:

a number of times of cell reselection and receiving the first set of configuration information within a first preset period being greater than a first threshold number of times.

19. The device of claim 18, wherein the determination condition further comprises at least one of:

a detected moving speed being greater than a preset moving speed threshold;

a number of times of cell change within a second preset period being greater than a number threshold number of times.

20. The device of claim 16, wherein the first set of configuration information further comprises: a first subset of configuration information related to an upward moving direction in the

known moving trajectory; and/or a second subset of configuration information related to a downward moving direction in the known moving trajectory;

the device further comprises:

a direction module, configured to determine its own moving direction; and

an upward and downward moving module, configured to determine whether its own moving direction belongs to a preset upward moving direction or a preset downward moving direction;

the first measuring module comprises:

a first measuring submodule, configured to perform cell measurement according to first subset of configuration information corresponding to the determined upward moving direction or second subset of configuration information corresponding to the determined downward moving direction.

21. A device for transmitting configuration information related to measurement control, comprising:

a processor; and

a memory, configured to store instructions executable by the processor,

wherein the processor is configured to:

generate configuration information for measurement control, the configuration information comprising a first set of configuration information, a second set of configuration information and a determination condition, the first set of configuration information being related to a first measurement target, the first measurement target being related to a known moving trajectory, the second set of configuration information being related to a second measurement target, the second measurement target being related to an unknown moving trajectory; and

send the configuration information to a user device, to instruct the user device to adopt the first set of configuration information for cell measurement when the determination condition is met and to adopt the second set of configuration information for cell measurement when the determination condition is not met.

22. A device for transmitting configuration information related to measurement control, comprising:

a processor; and

a memory, configured to store instructions executable by the processor,

wherein the processor is configured to:

receive measurement configuration information sent by a base station, the configuration

information comprising a first set of configuration information, a second set of configuration information and a determination condition, the first set of configuration information being related to a first measurement target, the first measurement target being related to a known moving trajectory, the second set of configuration information being related to a second measurement target, the second measurement target being related to an unknown moving trajectory;

perform cell measurement by adopting the first set of configuration information when the determination condition is met; and

perform cell measurement by adopting the second set of configuration information when the determination condition is not met.

23. A computer readable storage medium, having computer programs stored on, wherein the computer programs are configured to implement the method according to any of claims 1 to 5 when being executed by a processor.

24. A computer readable storage medium, having computer programs stored on, wherein the computer programs are configured to implement the method according to any one of claims 6 to 10 when being executed by a processor.